

DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION Declaration Submitted with Initial Filing	Attorney Docket No.	MIT-170
	First Named Inventor	Cherchi
	COMPLETE IF KNOWN	
	Application Serial Number	Not yet assigned
	Filing Date	Herewith
	Group Art Unit	Not yet assigned
	Examiner Name	Not yet assigned

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

AN INTEGRATED OPTIC POLARIZATION CONVERTER BASED ON STRUCTURAL CHIRALITY

(Title of the Invention)

the specification of which

was filed on

10/30/2003

as PCT International
Application Number

PCT/US2003/034577

I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known by me to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information known by me which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, or inventor's certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, or inventor's certificate(s), or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? YES NO
			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet attached hereto.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Serial Number(s)	Filing Date (MM/DD/YYYY)	
60/422,414	10/30/2002	
60/478,751	06/16/2003	

Declaration and Power of Attorney for Utility or Design Patent Application

Serial No. Not yet assigned

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Page 2 of 3

Declaration and Power of Attorney for Utility or Design Patent Application

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U.S. Parent Application or PCT Parent Serial Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)
PCT/US2003/034577	10/30/2003	

As a named inventor, I hereby appoint the registered patent practitioners associated with the following Customer Number as my/our attorney(s) and/or agent(s) to prosecute the above-identified patent application and any applications claiming priority thereto, and to transact all business in the United States Patent and Trademark Office connected therewith. I acknowledge that the list of registered patent practitioners associated with the Customer Number may be amended from time to time. In the event that I assign or am under an obligation to assign my entire right, title and interest in the above-identified patent application and the invention(s) disclosed therein to another ("Assignee(s)"), I hereby acknowledge that I relinquish my right to revoke this Power of Attorney. Further, I hereby authorize the registered patent practitioners associated with the following Customer Number to accept and follow instructions from the Assignee(s) as to any action to be taken in the United States Patent and Trademark Office regarding this application or any application claiming priority thereto without direct communication between the registered patent practitioner(s) and me.

CUSTOMER NUMBER 051414

Please direct all correspondence for the above-identified patent application to the address associated with the above Customer Number.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

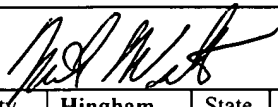
Name of Sole or First Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor							
Given Name (first and middle [if any])					Family Name or Surname				
Matteo					Cherchi				
Inventor's Signature						Date			
Residence	City	Lecco	State		Country	Italy	Citizenship	Italy	
Mailing Address		Via Mentana 51/B							
Mailing Address (In. 2)	City	Lecco	State		ZIP	23900	Country	Italy	
Additional inventors are named on the next page.									

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Name of Additional Joint Inventor, if any:										
Given Name (first and middle [if any])					Family Name or Surname					
<u>Michael R.</u>					<u>Watts</u>					
Inventor's Signature							Date		<u>4/27/2005</u>	
Residence		City	<u>Hingham</u>	State	<u>MA</u>	Country	<u>U.S.</u>		Citizenship	<u>U.S.A.</u>
Mailing Address		<u>2 Eastgate Lane</u>								
Mailing Address (In. 2)		City	<u>Hingham</u>	State	<u>MA</u>	ZIP	<u>02043</u>		Country	<u>U.S.A.</u>
Name of Additional Joint Inventor, if any:										
Given Name (first and middle [if any])					Family Name or Surname					
<u>Hermann A.</u>					<u>Haus</u>					
Signature of Eleanor L. Haus (Executor of the Estate of Hermann A. Haus)							Date			
Residence		City	<u>Lexington</u>	State	<u>MA</u>	Country	<u>US</u>		Citizenship	<u>U.S.A</u>
Mailing Address		<u>3 Jeffrey Street</u>								
Mailing Address (In. 2)		City	<u>Lexington</u>	State	<u>MA</u>	ZIP	<u>02420</u>		Country	<u>U.S.A.</u>
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VER 06/25/04

LIBC/2442991.1

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Matteo					Cherchi				
Inventor's Signature							Date		
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Inventor's Signature						Date			
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Given Name (first and middle [if any])					Family Name or Surname				
Hermann A.					Haus				
Signature of Eleanor L. Haus (Executor of the Estate of Hermann A. Haus)		Eleanor L. Haus				Date		April 19, 05	
Residence	City	Lexington	State	MA	Country	US	Citizenship	U.S.A.	
Mailing Address	3 Jeffrey Street								
Mailing Address (In. 2)	City	Lexington	State	MA	ZIP	02420	Country	U.S.A.	
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Mailing Address									
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VER 06/25/04

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NO. EV63098715545

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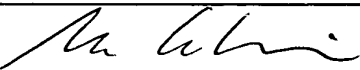
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Given Name (first and middle [if any])				Family Name or Surname				
<u>Matteo</u>				<u>Cherchi</u>				
Inventor's Signature						Date	<u>15/04/2005</u>	
Residence	City	<u>Lecco</u>	State		Country	<u>Italy</u>	Citizenship	<u>Italy</u>
Mailing Address	<u>Via Mentana 51/B</u>							
Mailing Address (In. 2)	City	<u>Lecco</u>	State		ZIP	<u>23900</u>	Country	<u>Italy</u>
Additional inventors are named on the next page.								

052332102

DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION

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Hermann A.					Haus				
Signature of Eleanor L. Haus (Executor of the Estate of Hermann A. Haus)							Date		
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Inventor's Signature							Date		
Residence		City		State		Country		Citizenship	
Mailing Address									
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EXPRESS MAIL MAILING LABEL

NO. EV63098715545

**INTERNATIONAL BUREAU OF WIPO
GENEVA, SWITZERLAND**

APPLICANTS: Massachusetts Institute of Technology

INTERNATIONAL SERIAL NO.: PCT/US2003/034577


INTERNATIONAL FILING DATE: October 30, 2003

FOR: AN INTEGRATED OPTIC POLARIZATION
CONVERTER BASED ON STRUCTURAL
CHIRALITY

ATTORNEY DOCKET NO.: MIT9921PCT

CERTIFICATE OF FACSIMILE TRANSMISSION/EXPRESS MAILING

I hereby certify that the attached correspondence is being sent via facsimile to the International Bureau of WIPO (011-41-22-740-1435) and that a confirmation of this facsimile will be deposited with certificate of Express Mailing (Label No. EL897782865US) with the United States Postal Service Express Mail Post Office to addressee: The International Bureau of WIPO; 34, chemin des Colombettes; 1211 Geneva 20, Switzerland.


Wendy Martin

The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland

**REVOCATION OF PRIOR POWERS &
POWER OF ATTORNEY BY APPLICANT**

As applicant of record of the above-identified application

REVOCATION OF PRIOR POWERS OF ATTORNEY

all powers of attorney previously given are hereby revoked and

NEW POWER OF ATTORNEY

the following attorneys and/or agents are hereby appointed to prosecute and transact all business in all the competent International Authorities connected therewith.

Mark L. Beloborodov	Reg. No. 50,773
Robert S. Blasi	Reg. No. 50,389
John V. Forcier	Reg. No. 42,545
Steven J. Frank	Reg. No. 33,497
David J. Goldstone	Reg. No. 55,211
Duncan A. Greenhalgh	Reg. No. 38,678
William R. Haulbrook	Reg. No. 53,002
Ira Heffan	Reg. No. 41,059
Andrew L. Jagenow	Reg. No. 51,842
Douglas J. Kline	Reg. No. 35,574
William A. Meunier	Reg. No. 41,193
Christopher W. Stamos	Reg. No. 35,370
Natasha C. Us	Reg. No. 44,381
Daniel A. Wilson	Reg. No. 45,508

Customer N° 051414

All future correspondence should be sent to:

Customer No. 051414

Goodwin Procter LLP

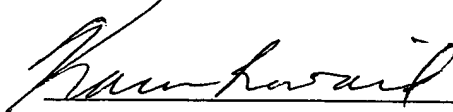
Exchange Place

Boston, MA 02109

Also, please change the attorney docket no. from MIT9921PCT to MIT-170PC.

Respectfully submitted,

Dated: April 6 2005



Name: Karin Rivard

Title: Assistant Director/Legal Counsel
Massachusetts Institute of Technology

NO. EV63098715545

APPLICANTS:	Pirelli & C. S.p.A.
INTERNATIONAL SERIAL NO.:	PCT/US2003/034577
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Wendy Martin
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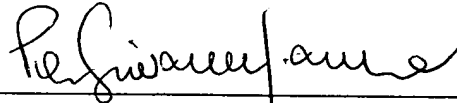
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Name: Pier Giovanni GIANNESI
Title: Proxy Holder
Pirelli & C. S.p.A.

Dated: March 18, 2005